

Fig. 1

1 external storage apparatus
2 morphological analysis section
3 syntactic-and-semantic analysis section
4 tree structure conversion section
5 word-mapping-weight calculation section
6 case-mapping-weight calculation section
7 vertex-mapping-weight calculation section
8 distance calculation section
9 semantic content comparison section
10 storage section
11-19 memory

Fig. 2

21 external storage apparatus
22 keyboard
23 display
24 processor unit
25 module for obtaining a distance between text
sentences

Fig.3

A/DT teacher/NN teaches/VBZ English/NNP to/TO students/NNS

Where, DT indicates Determiner, NN indicates Noun(singular or mass),
VBZ indicates Verb(3rd ps. sing. Present), NNP indicates Proper noun(singular),
TO indicates to, and NNS indicates Noun(plural).